



# Hydrotech

swimming pools  
& fountains





# about us

Established in 1986, Hydrotech is one of the leading companies in innovative fountain features and swimming pools in the Gulf today. The company specialises in the design, construction, supply, installation and maintenance of interactive sequenced fountain features, water features, swimming pools and spas.

In 2002, we were accredited with the ISO9001/2000 Certification and we continue to maintain the quality and service that we are known and respected for.

Hydrotech Engineering has over 300 employees and offices in Ajman, Sharjah, Dubai and Abu Dhabi. We are committed to providing a highly professional and unique service that covers the whole of the U.A.E market.

Our services however, have stretched beyond the U.A.E market, and we are now undertaking works all over the Gulf, the Middle East, Asia and Europe. We have also established new offices in the Middle East and Europe.

Our services and products are available worldwide. For any enquiries or further information, please contact us: at [hydronet@emirates.net.ae](mailto:hydronet@emirates.net.ae) / [sales@hydrotechuae.com](mailto:sales@hydrotechuae.com) or visit our website at [www.hydrotechuae.com](http://www.hydrotechuae.com).





# fountains & water features

Hydrotech Engineering, is a highly recognised name in the fountain feature industry. Our experience and expertise in fountain designs, sequence programming works and supply of high quality fountain products and fountain installation, has enabled us to lead the market by far.

With over 30 years of experience, we provide turnkey solutions from concept designs to final installation, programming and commissioning.

Hydrotech specialises in the design of interactive and sequenced fountain features, including programming & choreography of musical fountains. Our experienced engineers design and programme the sequence water switch nozzles, jumping jets, and LED RGB lighting systems to create a number of spectacular fountain shows and displays.



Overseas Project

## specialises in the design of interactive and sequenced fountain features



Palace for H.E The Chairman of Dubai Municipality



Badia Golf Course Roundabout - Dubai Festival City



Beautification of Abu Dhabi Corniche



H.E Sheikh Sultan Bin Zayed Palace, - Abu Dhabi

We are committed to providing an efficient and professional service to meet the demands of a knowledgeable and discerning client base. Our dedicated team of experienced engineers are able to offer technical support to architects and designers in order to achieve a high quality and cost efficient solution to their particular design.





Beautification of Abu Dhabi Corniche, Trip-2016

When catering to the needs of the client we are always open to new ideas and possibilities, taking the client's budget and style into consideration.

Our reputation for professional fountain designs, supply of high quality products, and installation works precedes us, and as a result of our continuous hard work and commitments, we have undertaken numerous fountain projects overseas, including Ukraine, Africa and all over the middle east.

## open to new ideas and possibilities

Hydrotech brings water to life and water brings life to any settings. Its sight, sound and motion transform ordinary settings into vibrant, stimulating environments. The creative use of water adds immeasurable value to any architectural and commercial project. Fountain technology has improved tremendously in the past decade with the introduction of fast acting sequence jets, LED lighting, water text display and water curtains. We thrive on keeping up with all the latest fountain technological advancements and introducing them to our clients and projects.



Water Cascade Feature - Burj Khalifa, Dubai

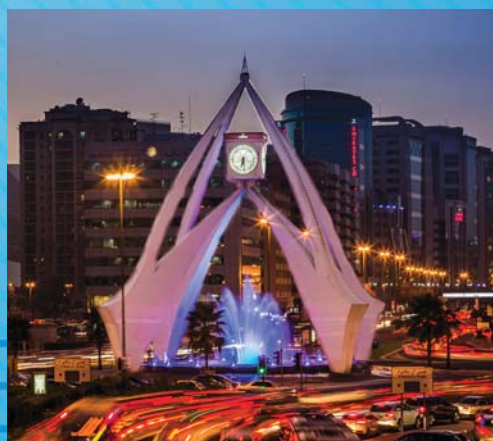


Dubai World Trade Centre Roundabout

Our goal is to exceed our customers' expectations while working with them to develop safe, sound, economical solutions to their architectural fountain needs and our mission statement is to actively promote the use of water features as significant design elements in all architectural environments. It is to provide our customers with the industry's highest quality products, design support, installation and service to ensure the successful completion of their water feature project.



Etisalat Road - Abu Dhabi



Clock Tower - Dubai



Beautification of Abu Dhabi Corniche  
Trip-2016



# fountain services

## Conceptual Designs

Submit conceptual design drawings for approval.

## Fountain Animation/Simulation

Prepare and submit fountain simulation, demonstrating the fountain effects, sequencing and lighting.

## Design Development

Carry out preliminary drawings, assess costs, and design requirements.

## Technical Design

Carry out hydraulic and electrical designs and produce design CAD working drawings.

## Supply of Fountain Products

We are distributors for a number of top quality fountain manufacturers from Europe, America and Canada, and we stock a wide range of fountain products.



## Project Management

Technical review, on site Inspections and start up assistance.

## Programming & Choreography of Sequenced Fountain Features & Musical Fountains

Hydrotech have their own experienced full time Programmers and Choreographers, that can programme and choreograph small to very large sequence and musical fountain features. We have a wide range of experience with the design and programming of sequence water switches, jumping jets, burst jets, pop jets and LED RGB lighting systems to create a variety of fountain shows and displays. Our Choreographers work closely with the Programmers to synchronise the sequenced jets & RGB Led lighting to musical songs.

## Complete Construction & Installation works

Carry out the complete construction & installation of all the electromechanical works for the fountain feature from the fountain pool to the pump room.

## Maintenance & Support

We provide yearly maintenance contracts to maintain the water features. We also provide training of personnel, back up support and warranty.



Beautification of Abu Dhabi Corniche, Trip-2016



Sequenced fountain, Yas Island, Ferrari World, Abu Dhabi



Equestrian Club, Abu Dhabi



Overseas Project



Yas Mall, Abu Dhabi



# fountain design

Fountain design involves the skilful blending of architectural, hydraulic and electrical disciplines. Successful water features exhibit not only exceptional aesthetic qualities and well designed electrical/ mechanical systems, but also superior attention to detail. The primary considerations in any fountain installation is purpose/intent, location and budget. Important physical parameters relating to pool depth, spray height and wall height should be established in the early design stages.



Gateway Waterfalls, Al Badia Golf Club - Dubai Festival City

The fountain designer has a variety of individual nozzle effects, waterfalls and combination water features available and the design options are unlimited.

Material choice, colour, scale, shape and sound all contribute to the fountain's integration with the architectural or landscaped environment. The way in which these factors are handled can affect how well the water feature enhances a setting.

## superior attention to detail



Beautification of Abu Dhabi Corniche Trip-2016



Grand Hyatt Hotel - Dubai



Mega Mall - Sharjah

The design of a successful fountain installation relies upon a number of factors. The suitable selection and sizing of often over-looked pool components are important in the design process. Once the general parameters and water features for a fountain have been established, the appropriate pumps, filtration system and water treatment system can be selected.

## the design options are unlimited

Furthermore, proper selection of water effects is essential for a successful design. All individual water effects and their visual appearance may be broadly categorized into three basic groups: aerated effects, solid stream effects and sheet effects. There are five basic considerations that must be made each time a water effect is selected. These are: noise level, wind resistance, water level dependence, clogging potential and the desired height of the fountain spray.



# lakes, ponds, streams & waterfalls

Hydrotech has extensive experience in the design, construction and installation of lakes, ponds, streams and waterfalls. One of the most beneficial and cost effective methods of improving your lake or pond is the installation of an aeration system. This simple bubbling of air to the surface provides the water with oxygen, which creates a vital circulation pattern. The result is healthier fish; reduced algae growth; fewer dissolved toxic gasses; fewer odours; elimination of stagnation and ultimately, lower lake management costs.



H. H. SH Khalifa Bin Zayed Complex, Sea Garaba - Al Ain

# floating fountains & lake aerators

Hydrotech are the leaders in the design, manufacture, supply and installation of floating fountain features. Our floating fountains are custom designed to meet the clients' requirements, whether it be a small, decorative floating fountain feature or a spectacular 100 metre high, single column jet floating feature. We also offer a wide variety of spray patterns and spray heights. Floating fountains not only provide oxygen the water needs, but also create a picturesque waterscape.



Floating Fountain Emirates Hills - Dubai



Floating fountain, Equestrian Club - Abu Dhabi



Floating fountain, Equestrian Club - Abu Dhabi

Our lake aerators pump compressed air to bottom diffusers resulting in total water column aeration, circulation and desertification. They are the most efficient and reliable aerators on the market. Bottom aeration systems create a vertical current using the rising force of millions of small bubbles to entrain the water column, "turning the lake over" and allowing oxygen to be absorbed at the lake's surface.

Moving the lower-oxygen water up from the bottom and eliminating thermal stratification, increases oxygen levels throughout the water column. The risk of death for the fish is prevented as wider swings in oxygen are stabilized. This also helps the fish expand their territory into formerly oxygen-deprived portions of the lake.

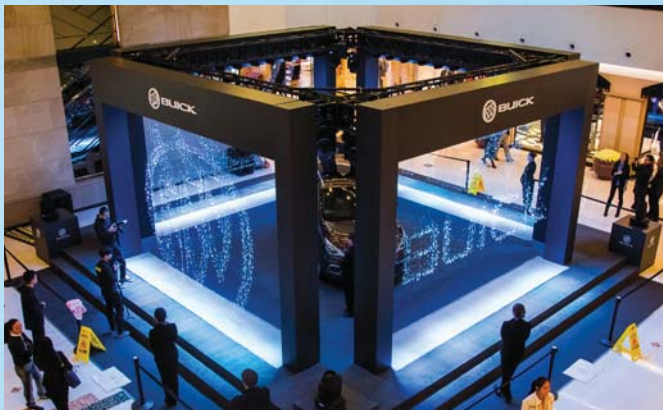
## custom designed to suit your requirements



# water script curtain

The water script curtain provides an incredible and dazzling display of graphics, patterns and texts in the form of cascading water droplets. It works by switching fast acting valves on and off. This produces falling segments of water that serve as pixels, creating a surprising display that constantly scrolls downward.

Computer-controlled software allows all water curtain features to be controlled interactively, so that any graphic design interface and other multimedia drivers can be played by the users in an intuitive and easy way. All water display possibilities may be controlled by different devices and



drivers, depending on the interactive idea and specific designs of the water curtain.

It may integrate electronic sensors along its length. These sensors can detect the approach of people, so that the water curtain can open and close to allow them to pass through.

The water script curtain is major crowd attraction and therefore ideal for exhibitions, business functions, shopping malls, and advertising displays and available on a sale and rental basis.

# the ultimate water screen

The Hydrotech Ultimate Water Screen is a high resolution rear projection screen created entirely in a cascade of free falling water. This unique screen is one of the most significant advancements in multi-media projection technology. The interaction of light and water brings a whole new visual dynamic to your feature, which takes on a holographic look and appears to be floating in mid air.

The Ultimate Water Screen has been engineered for use with lasers, videos, films, intelligent lighting and all multimedia projection and lighting sources. It can be used for presentations, exhibitions, wedding functions,



business functions, parties, night clubs, shopping malls, advertisements and any special occasion. This is a truly unique and awe-inspiring liquid display medium. The most common response we hear is "WOW".

With a high resolution projector, one can display an unlimited array of imagery and lighting to suit the occasion. The units come in 1.2m lengths and can be assembled together in any size and configuration.

The Hydrotech Ultimate Water Screen is available for sale and on a rental basis.



# fog misting system

Fog and misting systems are very popular for use around swimming pools, fountains and water features either for residential or commercial and public applications.

Hydrotech have a vast experience in fog and misting systems. At 1000 PSI, water droplets as small as 5 microns (5 millionths of a meter) in diameter can be produced. At this level, 'flash evaporation' occurs reducing the ambient temperature. This process of 'Thermal Dynamics' is effective because water requires energy (600 calories of heat to evaporate 1 gram of water) to evaporate. This energy exchange results outdoor cooling, or reduced temperatures



Marina Sales Centre, Umm Al Quwain

## turn any outdoor space into a cool and soothing tropical oasis

As with any outdoor cooling system, the overall effectiveness of the mist system will depend on existing temperature, the humidity levels, and the air exchange rate. With high temperatures (above 80 degrees Fahrenheit) and low humidity levels (below 50%) the mist system results can be dramatic especially when there is constant air exchange within the patio. Fresh incoming air is quickly cooled without causing an uncomfortable increase in humidity levels. As with any evaporative cooling process, the more moisture evaporated, the greater the systems outdoor cooling capability.



Zabeel Park Dubai



Ferrari World Abu Dhabi

Hydrotech's fog systems can enhance any fountain design to unleash a dramatic appeal or can be a stand-alone technology that is used within artistic installations or "dry" fountains that employ fog rather than jets of water.

Adding fog to a fountain or water feature simply enhances the experience for onlookers. Not only is it visually stunning but it develops a more interactive experience as viewers are able to feel the presence of the fog.

Fog not only represents a 'wow effect' for fountain design but provides residual cooling to guests during the warmer parts of the year. Fog is a natural backdrop for lighting and captures and reflects lighting at night.

Fog and Mist systems in Fountain features obscure sight and emulate steam or smoke, in water play, as an interactive element, or as a backdrop to lighting and dramatic effects.

Mist systems do more than just cool patios and outdoor spaces. They also suppress dust & help to eliminate odors.



# ferrari world fountain feature

Hydrotech Engineering were awarded the contract to re-design and refurbish the East Fountain Feature at the Ferrari world welcome Pavilion. The Fountain was in a very bad state. All the fountain equipment inside the pools were deteriorating and there was a major problem with the water proofing as all the Fountain pools were leaking.

Many companies had attempted to repair the water proofing unfortunately none were successful to stop the leakage. Hydrotech had to strip the pools back to bare concrete, removing the large Granite copings, granite wall cladding and water proofing. The lower bottom wall was sprayed with gunite to a thickness of between 10cm to 25cm to form a slight angle in the wall.

The whole area was water proofed with special reactive coatings of Polyurethane elastomers of high mechanical strength produced by spraying or casting at room temperature from two highly reactive raw material components. The two components are free of solvents.



Cascade Nozzles with Fog System were introduced



All the granite tiles and coping were removed including existing water proof membrane



Granite coping stones were carefully fixed back in position to line and level

During the application, two important tests were carried out. The Electronic Integrity (Spark) Test and the Adhesion (Pull off) test. The Spark test will ensure that there is adequate cover during the spray application to guarantee water tightness and product performance. The Adhesion test will ensure that the product has bonded with the concrete base. Once bonding takes place, no water can penetrate underneath the membrane.



The lower wall was sprayed with gunite to a thickness of between 10cm to 25cm to form an inclined slope and strengthen the wall



Water proof membrane being sprayed carefully to the floors and walls of the fountain pools



All the granite tiles in the pools and walls were replaced and the large granite weir copings removed & re-fixed in position. The Fountain feature was completely redesigned to include a series of Aquashi cascade jets in each pool slowly rising and falling. A Fog system was also introduced in each pool. The cascade jets and fog systems operate during the day and gave a new lease of life to the fountain Feature.



Black absolute granite tiles (22cm x 6cm) were supplied and fixed on the lower bottom wall and provided an excellent finish for the water wall effect and amazing reflections of light and colour in the evenings



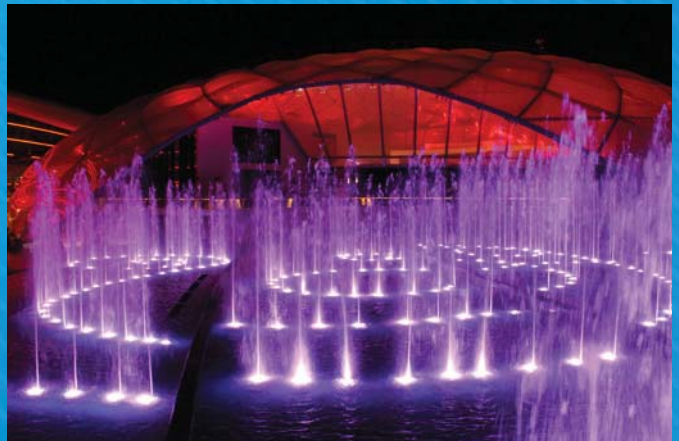
Large column of water jets illuminated with white Led Lighting operated between the musical fountain shows

## spectacular musical fountain feature

All the light fixtures upwards of 1200 nos, were replaced with Aquashi stainless steel 316 LED underwater light fixtures of 30 watt 24v. This included replacing all the junctions boxes and cord seals with Aquashi products.

The water switch nozzles were refurbished and the unique solenoid that activates the mechanism was replaced as required.

A complete BOSE Sound system was supplied and installed, and the Fountain was redesigned to operate as a musical fountain feature. A list of 10 songs were chosen by the client and Hydrotech with the cooperation and assistance of Aquashi U.K carried out the programming and choreography of the fountain. The End result was a magnificent and spectacular musical fountain feature delighting and mesmerizing the spectators.



Turning the Fountain into a Musical extravaganza. Hydrotech programmed and choreographed the fountain nozzles and lights to musical songs provided by the client



Sequencing of Water Switch Jets & RGB lighting



The water fall weirs were illuminated with Aquashi stainless steel LED 30 watt 24v, RGB lighting that provided multi colour lighting effects to the weirs



# partial list of fountain projects



Ferrari World Abu Dhabi



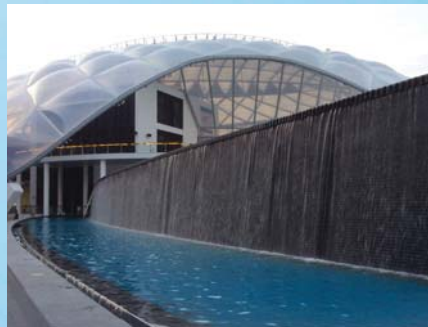
Ferrari World Abu Dhabi



Ferrari World Abu Dhabi



Ferrari World Abu Dhabi



Ferrari World Abu Dhabi



Ferrari World Abu Dhabi



Grand Hyatt Hotel Dubai



World Trade Center Roundabout Dubai



Clock Tower Roundabout, Dubai



Yas Mall Abu Dhabi



Yas Mall Abu Dhabi



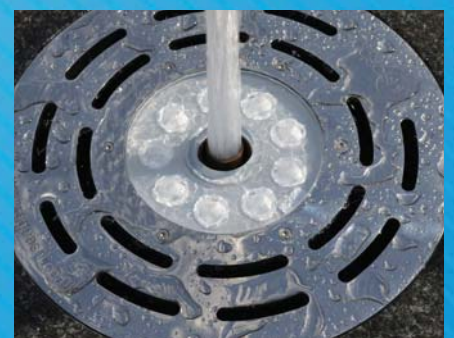
Yas Mall Abu Dhabi



Global Village Dubai



Global Village Dubai



Global Village Dubai





Grand Mosque Abu Dhabi



Emmar's Chairman Office at Burj Khalifa, Dubai



Burj Khalifa Cascade, Dubai



Beautification of Abu Dhabi Corniche



Abu Dhabi Municipality Park



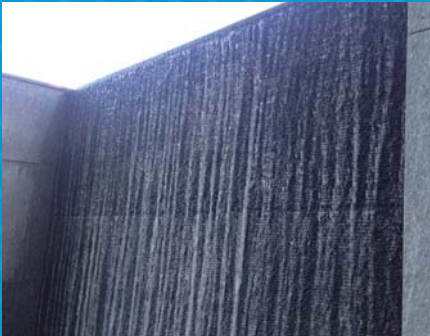
Abu Dhabi Municipality Park



Emirates School Abu Dhabi



Emirates Hills Custom Glass Fountain Feature



Accountability Office Abu Dhabi



Marina Walk, Dubai Marina



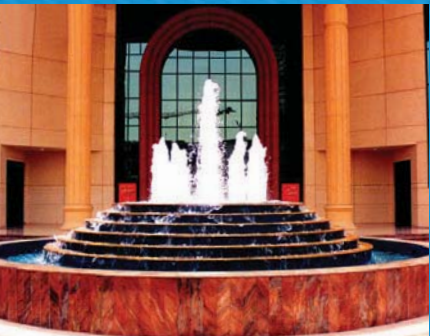
Marina Walk, Dubai Marina



Lusail City, Pedestrian Bridge, Qatar



Mirfa Corniche pyramid fountain



Al Tawoon Shopping Mall, Sharjah



Sheikh Khalifa Roundabout, Al Ain



# partial list of fountain projects



Zabeel Park Dubai



Zabeel Park Dubai



Zabeel Park Dubai



Abu Dhabi Corniche Pedestrian Underpass



Beautification of Abu Dhabi Corniche



Beautification of Abu Dhabi Corniche



Beautification of Abu Dhabi Corniche



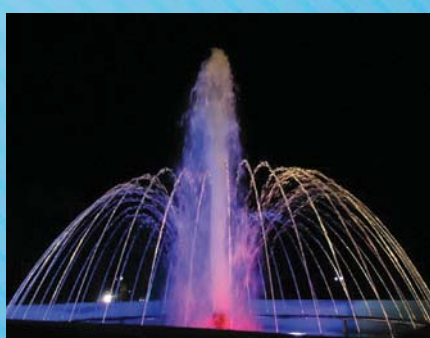
Beautification of Abu Dhabi Corniche



Mirfa Corniche Abu Dhabi



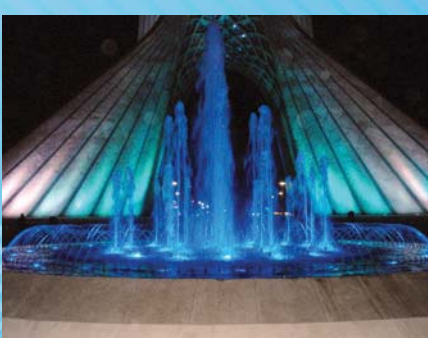
Dubai Festival City



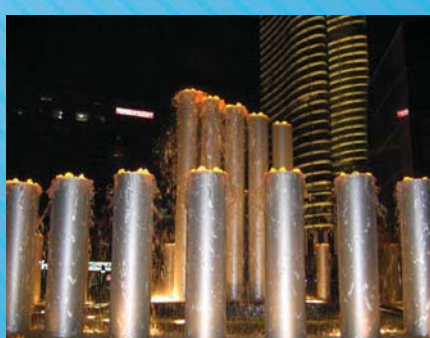
Baghdad Iraq



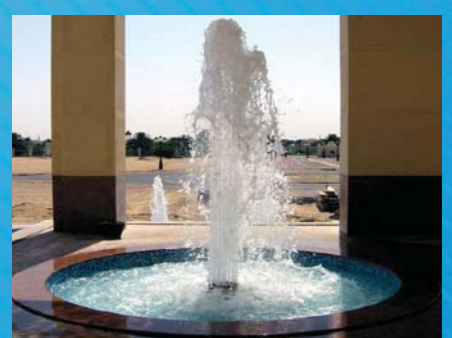
Overseas Project



Overseas Project



Beautification of Abu Dhabi Corniche



Unesco Regional Centre for International Planning, Sharjah





Beautification of Abu Dhabi Corniche



Dubai Motor City



Dubai Motor City



Baghdad, Iraq



Overseas Project



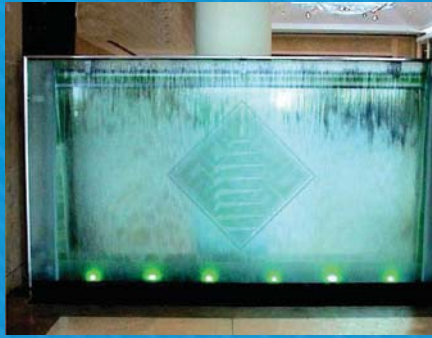
Overseas Project



Floating Fountain, Emirates Mall, Dubai



Dubai World Trade Centre, Convention Centre



Dubai World Trade Centre, Convention Centre



Dubai World Trade Centre, Convention Centre



Abu Dhabi Mall



Overseas Project



Unesco Regional Centre for International Planning, Sharjah



Reflecting Pool, Marina Centre, Umm Al Quwain



Fog system, Marina Sales Centre, Umm Al Quwain



# partial list of fountain projects



Water Wall, Hot Brands, Dubai



Umm Ghaffa Park Al Ain



Zayed Sports City, Abu Dhabi



Zayed Sports City, Abu Dhabi



VIP Entrance, Zayed Sports City, Abu Dhabi



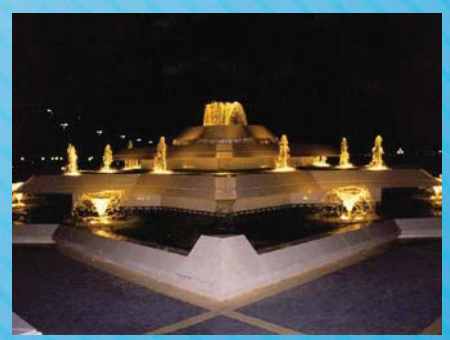
Zabeel Park, Dubai



Zabeel Park, Dubai



Zabeel Park, Dubai



Abu Dhabi Corniche, Star Fountain



Ritz Carlton Hotel Dubai



Al Yahar Park, Al Ain



Al Ain Clock Tower



Meena Road, Abu Dhabi



Glass Flame Fountain, Abu Dhabi



Al Ain Zoo





Old Hilton Roundabout, Abu Dhabi



Sheikh Sultan Bin Zayed Palace, Abu Dhabi



Sheikh Sultan Bin Zayed Palace, Abu Dhabi



Sheikh Sultan Bin Zayed Palace, Abu Dhabi



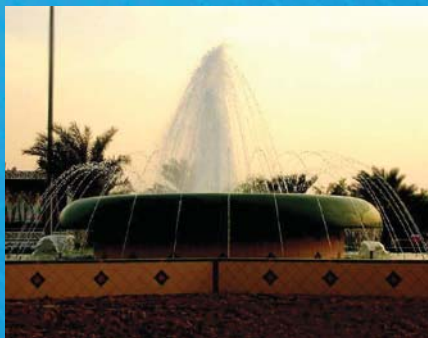
Abu Dhabi Municipality



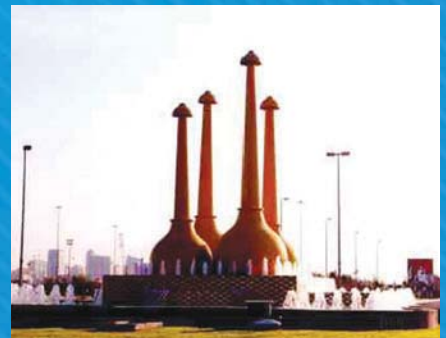
Abu Dhabi Municipality



Diwan Ameer Palace, Ajman



Amiri Flight Roundabout, Abu Dhabi



Al Meena Road (port area), Abu Dhabi



Dubai Humanitarian City



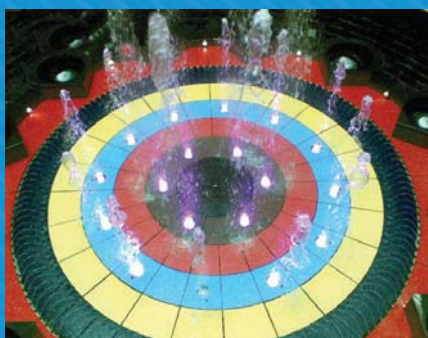
Immigration Road, Abu Dhabi



Adwea Headquarters, Abu Dhabi



Equestrian Club, Abu Dhabi



Overseas Project



Beautification of Abu Dhabi Corniche

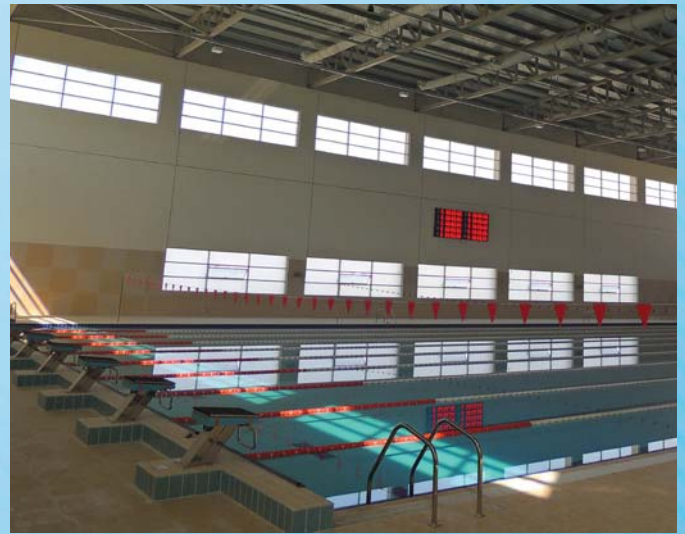


# swimming pools

The swimming pool division took off in 1987, with a turnkey project for a construction of a semi Olympic sized swimming pool for a private school in Dubai. We undertook the entire works, from the construction to the supply and installation of the filtration, water treatment, heating, and lighting system. We have not looked back since then and we are proud to say that we are now one of the leading swimming pool companies in the United Arab Emirates.

We undertake all types of swimming pool construction and installation works, from the very large Olympic size pools to the small residential pools. Our work is of the highest standards and we use only high quality swimming pool products.

Our speciality lies in the large commercial type, Olympic and semi-Olympic sized pools. We supply and install all the equipment and materials required for pools used competitively for racing and/or diving. This includes racing float lines; starting platforms; float line rollers; turning panels; pool covers and rollers; commercial, automatic pool cleaning equipment; diving towers and 1m-3m diving platforms. We also provide electronic score boards, electronic starting blocks, and musical equipment for playing music and voice messages underwater.



Olympic Size Swimming Pool



The Address Hotel, Dubai Marina Mall



Bida al-matawaa School, Al-Ruwais - Abu Dhabi



Typical dry gunite application

## swimming pool construction

We construct the swimming pool concrete shells either by:

- a) dry gunite application,
- b) wet shot Crete application.
- c) ready mix concrete.

There are 3 major types of swimming pools designs:

- 1. Skimmer type
- 2. Overflow type
- 3. Infinity edge.



In some swimming pools we are able to offer both the overflow and infinity edge style.

The skimmer type pools are designed with a number of skimmers (depending on the surface area). They are connected to the suction line of the pump. The skimmer device pulls in the surface water of a pool. It uses the surface tension of the water to pull in the leaves and buds etc., that get blown into or fall into the pool in through a small basket. These are the traditional type of pools found in many residential homes. They are considerably cheaper than the overflow pools and do not require additional space for a balancing tank.



Skimmer type pool with timber decking, Al Raha Beach, Al Zeina - Abu Dhabi

## swim in luxurious pools

The overflow type pools are accepted as the preferred method for swimming pools and the vast majority of public and commercial type pools are set up this way. They are very good in that they skim everything from the surface while the pump is running. Skimming is the best way to quickly remove pathogens from the water's surface that are harmful to health. The water is filtrated and returned to deeper regions of the pool where disinfection is more effective.



Infinity Edge Swimming pool. The Address Hotel, Dubai Marina

However, overflow type pools require a concrete channel around the perimeter of the pool and a reservoir tank to contain the overflow water. Therefore this method of construction is more expensive than the traditional skimmer pools and also requires more space to house a reservoir tank.



Olympic Size Swimming Pool



Al-Barari Villa, Dubai



Panorama Towers at Green, Dubai

Roof top swimming pool construction works is also our speciality. Providing water tight swimming pool construction inside high rise buildings is a major concern to the building owners. Leaking pools can cause serious damage to the property below. Hydrotech understands the damage that pool leakage can do and can guarantee a water tight leak proof construction using our unique methods of waterproofing.



Hydrotech is the major distributor for the following swimming pool equipment manufacturers:

**Astral** (Spain), **Aqua Source** (Greece), **Pentair** (U.S.A), **Hayward** (U.S.A), **Kripsol** (Spain), **Certiken** (U.K), **Plastica** (U.K), **Miami Tanks** (U.S.A), **E.Clear** (South Africa), **Thermalec**(U.K) , **Electro**(U.K) .



Above pictures: Olympic size swimming pool, starting blocks and diving boards

We stock a whole range of swimming pool products and accessories for both pool contractors and owners:

- Electric pool heaters
- Ozone generators
- Pool liners and covers
- Heat pumps for heating and cooling
- Filters and pumps
- LED RGB pool lighting
- Safety barriers
- Swimming pool deck tiles
- Ionisers
- Heat exchangers
- Remote controls for lights and pumps
- Fibre Optic Lighting
- Swimming pool tiles
- Pool loungers
- Diving Boards
- UV Sterilisers
- Dehumidifiers
- Automatic pool cleaners
- Pool alarms systems
- Swimming pool coping stones
- Pool games and accessories
- Salt Water Chlorinators



Racing Lane & Storage Reel



Super Tensioner



Caddy Lane Saver



Lifeguard Chair



Storage Bin



Fire and Water Bowl



Pool Cover



# maintenance services

Hydrotech provides ongoing maintenance services to ensure a reliable and cost efficient operation for both swimming pool and water features. The regular maintenance of pools and fountains ensures lasting quality, and is the most prudent way for clients to protect an investment in their water structure.

Our maintenance teams ensure that the pools are always kept clean and are chemically balanced.



# pool repairs & renovation works

Hydrotech have a dedicated and experienced team for carrying out repairs of swimming pools of even the poorest condition. With regards to pool construction we believe that price reflects quality and can assure our customers that we will provide extremely proficient, high-quality workmanship so that no further repairs will be needed.

Our team of technicians carry out various tests to locate the leakages in swimming pools; all pipe works are pressure tested, replaced or repaired and hair line cracks in the concrete structure are sealed by a special chemical injection treatment system.



providing ongoing  
maintenance services  
to ensure a reliable  
and cost efficient  
operation

If the swimming pool concrete structure is found to be leaking considerably, then the pool tiles must be removed and the concrete structure inspected for cracks. If cracks are found, they will be repaired with special water proof cement and the whole swimming pool will be re-plastered with waterproof additive. Subsequently, a new layer of waterproof membrane will be applied over the plaster to ensure complete protection against further leaks and concrete deterioration; the swimming pool will then be re-tiled as required.



# omega timing system



Swiss Timing are the manufacturers of Omega Timing Systems and Hydrotech Engineering are the sole distributors of Swiss Timing (Omega timing systems) in the U.A.E, Saudi Arabia, Kuwait, Pakistan, Lebanon, Bahrain and Iraq.



Since the beginning of automatic timing, SWISS TIMING (with its sister company OMEGA) have always been "the" pioneer in proposing innovative solutions for competitive swimming, working closely with FINA and the world's TV broadcasters.

A Swimming race is defined by a number of lengths from one to 60, performed in a 25m or 50m pool.

To measure the time, a start system and finish detection system is required. The start, operated by an official (the starter), includes voice transmission to signal instructions to the swimmers, and a start device to generate audible and visual signals.

The start system distributes the signals to multiple loudspeakers within 1/1000th of a second, counteracting any disadvantage due to the speed of sound across the pool.

A touch panel is mounted on the wall in each swimmers lane. Our patented design registers a touch anywhere on the pad surface, whilst eliminating ghost touches from water movement. Every touch is sent to a central timer, stored and if verified as an official intermediate or finish time, shown on appropriate displays.



## Scope of Services

- Timing
- Public & specific scoreboards
- Venue results
- Commentator information
- TV graphics
- Video backup



Specialising in timing, scoring, data handling and broadcast solutions to major sports events throughout the world, SWISS TIMING technical services are structured to support international sports events, often with the involvement of The Swatch Group watch brands.



## satisfying international sports federations

At very high level sports events, the timing has to satisfy the requirements of the international sports federations ensuring competitions are perfectly organized whilst satisfying the requirement for precision and reliability.

These services are integral in the scheduling of not only the sport, but to the growing requirements of international broadcasters and journalists.

SWISS TIMING has an organization which enables it to rise to every challenge from sport, making it unrivalled in its reputation as a privileged partner for sport.





# myrtha pools



Hydrotech is the sole distributor for Myrtha Pools, who are Designers and Manufacturers of Special Events Competition Pools, Olympic and Semi Olympic Pools, Public Pools, Private Pools, Pool Renovations, Water Parks and Theme Parks. Myrtha Pools are owned by A&T Europe Group, founded in 1961 in Castiglione delle Stiviere (Mantova, Italy), quickly became a leader in the international swimming pool market.



Thanks to continuous research and development, the Company has achieved numerous technological breakthroughs in the pool industry presenting the most advanced technologies and obtaining reliable, exclusive patents.

A&T Europe has built swimming pools in over 70 countries around the world; from Iceland to Arabia, Brazil to Japan, and from the United States to Australia. Myrtha Technology allows for installations in extreme climates and can be the best solution in even the most extraordinary and challenging environmental conditions. Its exclusive technologies have been selected for international competition events, including the Olympic Games and World Swimming Championships.

## market segments

The extraordinary successes achieved today by A&T Europe throughout the world are the direct result of a broad range of experience and operations represented by our 360 degree perspective of the market. The Company now designs and manufactures swimming pools for a wide range of sectors including private pools, public projects, water parks and pools for competition and special events.



Private Pools



Public Pools



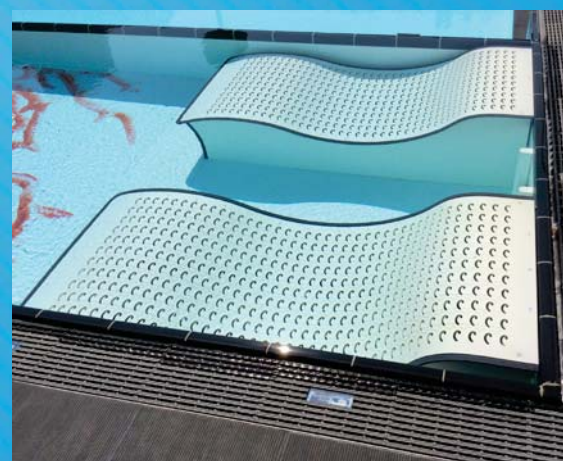
Water Parks



Special Events

## myrtha technology

A&T Europe's leading-edge technology is based upon a unique modular system of stainless steel panels laminated with a special rigid PVC membrane on the inside surface. This system offers highly flexible planning and design alternatives that have no limit with regard to the structure's shape or size; a significantly faster installation than conventional design; and when combined with a precise assembly process provides both reliability and long-lasting performance over time. All of this is thanks to its resistance to adverse atmospheric conditions. "Myrtha" is A&T Europe's exclusive technology which is unique to the world. This technology is tailored for customers who appreciate quality, and who opt for long-term, safe technical investments.





## private pools



Since 1961, and for years to come, the primary business of A&T Europe has, and will continue to be, dedicated to the private pool sector in Italy.

The Company designs exclusive private pool projects and is continuously improving upon and developing new and innovative technologies. Special attention is paid to both detail and finishes and the pools are often highly customized and designed to complement the surrounding environment.

## public pools



A&T Europe has become an international market leader designing pools for the public sector including splash and leisure pools, hotel pools, fitness and wellness pools, as well as thermal and therapy centers.

The Company has a wide range of experience and has also developed sophisticated technologies at the international level; setting up numerous facilities around the world and achieving a continuous growth trend in the community pool market.

## water parks

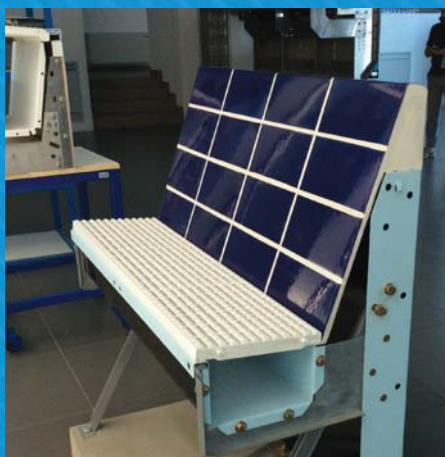


A&T's vast experience in the "World of Water" guarantees great support for those who decide to invest in the world of aquatic entertainment and leisure. The Company offers the work of the best designers in the water park sector and is continuously searching for the most innovative, safe and original solutions.

## special events



Thanks to the precise engineering, fabrication standards and quick installation of Myrtha Technology, A&T Europe has built some very high profile pools. These pools are both permanent and temporary and have hosted some of the most important international swimming competitions. This has allowed us to share with the world of swimming an opportunity to make these international competitions unforgettable events.





# acrylic viewing panels

Structural Acrylic wall panels for swimming pools have become very popular for private and commercial pools. The size of the viewing panel has increased from a small window to a full length of the swimming pool wall. Acrylic pool walls are increasingly being used to enhance a pool into a show piece and a focal point of a house or hotel.

Acrylic floors and walls of a swimming pool extending out of the building provide a new dimension and excitement to the pool. The swimmers hovering at the end of a clear wall looking onto the street below and pedestrian below are fascinated viewing the swimmers from the clear acrylic floor of the pool.



Acrylic wall panel for an infinity edge swimming pool overlooking the sea or a lagoon enhances the beauty of the pool with seemingly no end to the pool and no beginning to the natural water.

Hydrotech, in cooperation with its partners specialise in the design, manufacture and supply of premium structural acrylic view panels for swimming pools and Aquariums. Our panels are engineered and structurally certified to relevant international standards and building codes.

## source of natural light

Sometimes a pool window is the only option to have natural light in a room. The transparency of the swimming pool water transports the light into adjacent rooms.





Acrylic pool walls provide onlookers a clear window into the pool water and the swimmers within.

All Acrylics are not the same. There are many inferior Acrylic products in the market which deteriorate in time, turning the panels milky or yellow. Once the acrylic panels have deteriorated it cannot be repaired and must be removed and replaced. It is very important to choose the correct commercial grade acrylic sheets to save you money in the long run.



Acrylic can come in a variety of different shapes, sizes, colours, textures and finishes.

Acrylic sheets can be cast in large block form up to 350mm thickness. There is no need to laminate sheets to obtain required structural performance.

When creating very large acrylic panels, the sheets are molecularly welded, creating a permanent and invisible join. Panels up to 12m long can be readily provided, with longer panels being available on request.



## superior clarity & high impact resistance

Acrylic provides a clear optical view for any viewer with minimal colouring or distortion. Acrylic has a transparency rating of 92% making it one of the clearest materials available, and much superior to glass. Acrylic is the preferred material for aquarium and viewing window applications.

Heat transfer in acrylic is approximately 8 times less than glass. This allows acrylic to better conserve heat in retained fluids.

Unlike glass, surface scratches may be polished out. Notches may also be filled where damage has occurred



Acrylic can be shaped and curved to any required shape. Acrylic can be cut, sawn, routed, drilled, sanded and polished after it has been fabricated.

High quality cast acrylic is highly resistant to weathering, optical and mechanical degradation under long term exposure. There are no laminates to break down, which is a significant issue with laminated glass sheet.

We can provide a fully integrated solution to meet your requirements: acrylic panel structural analysis & specifications including reinforced concrete details.





# spas

Hydrotech supplies and constructs a wide range of Spas, from the ready assembled above ground units to the in-ground concrete custom designed units, for both commercial and residential purpose.

Above ground and in ground units for commercial and residential use.

Hydrotech supply ready assemble Spas units Above ground or in ground for commercial and residential units. High quality, hand made products and designs that will satisfy the highest standards. The spas are equipped with a wide array of therapeutic hydro-massage jets.



There are individual controls that allow you to choose the most comfortable mixture of water and air, while directing the jets yourself. This versatility allows you to create the perfect personal massage.

The Hydrotech Spas meet world class standards in terms of energy efficiency. A high performance filter system that regulates the water and keeps it clean. The internal LED chromotherapy lighting gives the spas a special soothing atmosphere in the evening and the optional high fidelity sound system provides music in your spa, with which you can listen to the radio, play CDs or MP3 tracks.

Hydrotech Spas are ideal for outdoor and indoor use.

## Concrete Spas

For commercial and residential use.

Concrete spas are designed to meet the clients' requirements taking into the consideration the number of bather loads, location and application. The construction of the spas is carried out by either dry gunite application or by wet shotcrete application. The residential spas are usually constructed as skimmer type while the commercial spas are usually constructed as overflow type units.

The filtration system for a spa requires a turnover of no more than half an hour, while a swimming pool standard filtration turn over should not exceed four hours. Therefore, it is important not to combine the filtration system of a swimming pool with a spa.





# saunas & steam rooms

Hydrotech supplies a wide range of high quality Saunas and Steam Rooms from Europe and North America. These can be standard manufactured units or custom built units to suit Client's requirements.

**Saunas** can be used as a means of calming the body and relieving stress. The heat from a sauna soothes your nerve endings and warms and relaxes muscles, in turn relieving the tension from your body and minimizing joint pain. This is especially beneficial for those who suffer from illnesses such as arthritis, painful migraines and headaches.

The heat from the sauna helps the body release endorphins, a feel-good chemical that reduces the effects of stress on the body which can relax you enough to sleep better. The sauna heats up your body, so when you leave and begin to cool down, your body releases increased levels of melatonin, helping you feel more relaxed and therefore allowing you to have a deeper sleep.



**Steam Room** helps to open up airways which improves your breathing and alleviates congestion. The wet heat from the steam room thins and opens the mucous membranes in the body, which helps to relieve pressure. This is highly beneficial for those that suffer from asthma and bronchitis, as it helps with sinus relief.

The steam room increases metabolism and causes you to sweat and sweat will cause you to lose a few pounds. The sweat also helps to remove toxins and cleanses the body.





# partial list of swimming pool projects



The Address Hotel, Dubai Marina Mall



Al-Barari Villa, Dubai



Panorama Tower at Greens, Dubai



Al-Barari Villa, Dubai



Mohammed Khamees Private Villa, Dubai



Future School, Abu-Dhabi



Future School at Umme Ghaffa, Al-Ain



Abdulla Khamees Private Villa, Dubai



Emirates School, Abu Dhabi



Olympic Size Swimming pool



Khalidya Villa, Sharjah



Sheikh Faisal Green Villa, Dubai



Future School at Mezayed, Al-Ain



Olympic Size Swimming Pool



Sheikh Mohamed Bin Ali Noami Villa - Ajman



# partial list of swimming pool projects



Private Villa, Jumeirah, Dubai



The Address Hotel, Dubai Marina Mall



Al-Raha Beach, Al Zeina, Abu Dhabi



Sheikh Hamid Bin Ahmed Private Villa, Abu Dhabi



The Rocco Forte Hotel, Abu Dhabi



Private Villa, The Meadows, Dubai



Grand Millennium Hotel, Al-Wahda City, Abu Dhabi



Premier-Inn, Dubai Investment Park



Emirates School, Abu Dhabi



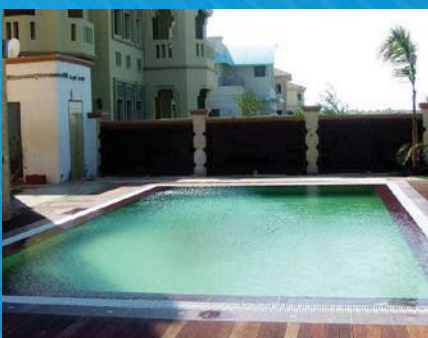
Madinet Zayed Boys School, Abu Dhabi



Al Bateen Secondary School, Abu Dhabi



Athletic Hall U.A.E Armed forces, Al Ain



Signature Villa, Palm Island



Private Villa in Al-Khawaneej, Dubai



Al Khaleej School, Dubai



# Fountains & Water Features - Partial Reference List

	Project	Scope of Work	Cont/Client/Consultant
1	Global Village, Dubai	Dry Deck Interactive Fountain Feature with LED RGB lights	Contractor: Hydrotech Client: Global Village
2	Central Market, Abu-Dhabi	Dry Deck Interactive Sequenced Fountain Feature complete with Jumping Jets	Contractor: Western Bainoonah Group Client: ADM-Abu Dhabi Municipality Consultant: Jacobs
3	Shah Sulphur Station & Pipeline Project	Supply and Installation of Indoor and Outdoor Water Features (Electromechanical Works)	Contractor: Consolidated Contracting Engineering Procurement Co. (CCC) Client: Abu Dhabi Gas Contracting
4	Fountain in Mussafah Takreer Admin Building, Abu-Dhabi	Supply and Installation of Fountain-Electromechanical Works	Contractor: Imeco Client: Takreer Consultant: Otak
5	Ferrari World - Welcome Pavilion-East Water Feature, Abu-Dhabi	Transformation & redesigning of existing water feature into a spectacular musical fountain feature	Contractor: Miral Client: Miral Consultant: EC Harris
6	Contract C 105/1 – Engineering, Enhancement for Landscape (Phase 2) – Work Order No. 01 (Sheikh Mohammed Bin Khalifa Palace)	Design, Supply, Installation, Testing and Commissioning of Water Feature Electromechanical Works	Contractor: Al Jurf Development Client: Emirate of Abu Dhabi Consultant: Parson International Limited
7	Contract C 499 – Development Parks and Play Grounds in Abu Dhabi Mainland	Design, Supply, Installation, Testing and Commissioning of various Water Feature Electromechanical Works	Contractor: Al Jurf Development Client: Emirate of Abu Dhabi Consultant: Dorsch Groupe
8	Headquarters of Abu Dhabi Accountability	Design, Supply, Installation, Testing and Commissioning of various Water Feature Electromechanical Works	Contractor: Seidco Client: Musanada / Consultant: RW Armstrong/IAN Banham and Associate
9	Heritage Park, Abu-Dhabi	Repairing and refurbishment of complete Water Feature	Contractor: Al Jurf Development Projects
10	Ruwais Housing Complex Expansion Phase 4	Supply and Installation of Water Features plus additional Lights (MEP)	Contractor: Code Contracting Client: Adnoc
11	Contract 392-4 Parks in MBZ City	Supply and Installation of Water Features at Central Plaza	Contractor: Bin Ham Client: Abu Dhabi Municipality Consultant: KEO
12	Dubai Clock Tower	Design, Supply, Installation, Programming, Testing & Commissioning of Water Feature LED Lighting System	Contractor: Enova Client: Adia Consultant:
13	Yas Mall, Yas Island Dev.Contract No. A430601/2010/C/063	Supply and Installation, programming and commissioning of a unique and spectacular Sequence water pop jets clock fountain feature, water wall, and reflecting pools	Contractor:Aldar Client: Yass Mall Consultant: Six Construct
14	Naufar Project Internal and External Water Feature Works-Qatar	Supply and Installation of Lake Feature, External and Internal fountain features. Full MEP works	Contractor: Joannou and Paraskevaides J&P Client: Ashghal Consultant: Stantec
15	Lusail Package 03-A-3 Pedestrian Bridges 4A & 6A (North & South)-Qatar	Supply and Install 4 nos. Water Features for Bridges 4A & 6A North and South	Contractor: FCC Construction SA Client: Qatari Diar Consultant: Parsons & Dorsch
16	Nowruze Park Fountain System	Supply and Installation of Musical Sound System from Harman House for the Sequence Fountain feature Plus Programming and choreography of various traditional songs	Contractor: Trade & Operation Co.
17	Development of Parks & Playgrounds in Abu Dhabi Mainland for Park Al Adla, Park 4, 5, 6 & 7	Design, Supply, Installation, Test & Commissioning of Water Feature Systems	Contractor: Al Jurf Developments Client: Abu Dhabi Municipality Consultant:
18	Mirfa Corniche Beach Upgrade & Preparation for Al Gharbia Water sports Festival in Abu Dhabi	Design, Supply & installation of Dry Deck Sequenced Fountain	Contractor: Hennessey LLC Client: Depart.of Municipal Affairs Consultant:



# Fountains & Water Features - Partial Reference List

	Project	Scope of Work	Cont/Client/Consultant
19	Yas Island Retail Experience – Welcome Pavilions, East and West. Ferrari World Experience	Supply of MCC and animation panels. Testing and programming the nozzles and LED lighting to provide numerous choreographed shows.	Contractor: Al Ryum. Client : Aldar Besix Fountain Designer: ADE Aquatic Design Engineering
20	Palace for H.H The Chairman of Dubai Municipality. Sheikh Hamdan Bin Rashid Al Makhtoom	Design, supply, installation, and commissioning of fountain features, lakes and floating fountains.	Contractor: Citiscape Client: Dubai Municipality Consultant: Cracknell
21	Burj Khalifa Tower, Emaar Chairmans Suite 154th floor. For H.E Mohamed Al Abbar.	Design, supply, installation testing and commissioning of fountain feature.	Contractor: Samsung / Besix /Arabtec Client: Emaar
22	Yas Ferrari Experience Ferrari World Entertainment Complex	Ferrari logo fountain feature, waterfalls, streams, filtration and water treatment systems of aquatic rides.	Contractor: Depa Client: Aldar Besix. Consultant: EC Harris
23	Al Rawdha Palace - Abu Dhabi, For H.H Sheikh Khalifa Bin Zayed Al Nahyan.	Design, supply, installation testing and commissioning of fountain features and reflecting pools.	Contractor: Al Jurf Client: HH Sheikh Khalifa Private Department.
24	Zabeel Park – Dubai	Design, supply, installation testing, and programming of numerous sequenced fountain features.	Contractor: ECC Client: Dubai Municipality Consultant: Cracknell/Atkins
25	Grand Mosque - Abu Dhabi	Design, supply, installation testing and commissioning of numerous fountain features.	Contractor: Al Jurf Client: Abu Dhabi Municipality Consultant: Parsons
26	Al Bateen Palace - Abu Dhabi. For H.H Sheikh Khalifa Bin Zayed Al Nahyan.	Main entrance dry deck sequenced fountain features with LED RGB lighting. Turn key project.	Contractor: Al Jurf Client: Abu Dhabi Municipality Consultant: Parsons
27	Sheikh Sultan Bin Zayed Al Nahyan Palace, Abu Dhabi.	Design, supply, installation testing, and programming of numerous sequenced fountain features.	Contractor: Admak Client: PWD - Abu Dhabi Consultant: Cracknell
28	Dubai Festival City	Roundabout fountains and golf club main entrance fountains, external water features and water falls.	Contractor: Al Futaim Carillion Client: Al Futaim Consultant: Cracknell/Fluidity
29	Motor City Dubai. Champions Plaza, Pedestrian Plaza, and Up Town Motor City	External fountain features, Dry deck fountain features, water features and waterfalls.	Contractor: Al Futaim Carillion Client: Union Properties. Consultant: Burt Hill.
30	Dubai Marina, Marina walk and roundabout fountain features	Supply and installation of programmable sequence fountain feature, and dry deck fountains.	Contractor: Al Futaim Carillion Client: Emaar Consultant: Hyder/Wet Design
31	Grand Hyatt Hotel - Dubai	Design, supply, and installation of fountains, water features, streams, ponds & water falls.	Contractor: Al Bayader Client: Dubai Government Consultant: Arkitektnik
32	Abu Dhabi New Corniche Road East Expansion	Design, supply, and installation of over 100 nos fountains, lakes, streams, fog systems and waterfalls.	Contractor: Al Muhairy Client: Abu Dhabi Municipality Consultant: De Leuw Cather
33	Clock Tower Roundabout	Design, supply, and installation of Clock Water feature with fibre optic sky and star lighting.	Contractor: Hilalco Client: Al Ain Municipality Consultant: Balfours
34	Equestrian & Golf Club - Abu Dhabi.	Design, supply, and installation of 4 nos floating fountains, Streams lakes, and fountain features.	Contractor: Al Nasr Client: Abu Dhabi Municipality Consultant: De Leuw Cather
35	Trade Centre Roundabout - Dubai	Turnkey design, supply and installation of fountain feature.	Client: Dubai Municipality
36	Dubai Convention & Exhibition Centre.	Design, supply, and installation of numerous fountain features.	Contractor: Khan Saheb Client: Dubai Government Consultant: RMJM
37	Burj Khalifa Cascade Water Feature	Supply & installation of water feature MEP work	Contractor: Al-Futaim Client: Emaar Consultant: Hyder



# Swimming Pools & Spas - Partial Reference List

	Project	Scope of Work	Contractor/Client/Consultant
1	Military School, Intermass, Sharjah, Maliha	Complete MEP works for Olympic Swimming Pool, Omega Touch Pads, Scoreboard & Timing System. Complete Water Proofing & Tiling Works	Contractor: Intermass Client: U.A.E Armed Forces Consultant: Command of Military works
2	Nad Al Sheeba, Al-Geco, Royal Guard Camp	Complete MEP works for Semi Olympic Size Pool	Contractor: Al-Ain General Contracting Client: U.A.E Armed Forces Consultant: Command of Military works
3	4 Nos. Swimming Pools & Jacuzzi for Binghatti Apartments Views, Terrace, Pearl and Garden.	Design, Supply & Installation of electromechanical works / Civil Works	Contractor: Garnada Europe Client: Dr. Hussain Bin Ghatti Al-Jbori Binghatti Holding
4	Panorama Tower, Emaar Greens Apartments, The Greens, Dubai	Swimming Pool, Jacuzzi and Water Feature works	Contractor: ECC Client: Emaar Consultant: Godwin Austen Johnson
5	Jumairah Village, Commercial Swimming pool	Swimming Pool Works inclusive of complete MEP & Partial Civil Works	Contractor: ECC Client: Mr. Rajesh S. Jain Consultant
6	Amity University, Academic City, Dubai, Semi Olympic Pool	Construction of Semi Olympic Swimming Pool inclusive of complete with MEP Works.	Contractor: Shaporji Pallonji L.L.C Client: M/S. Ritnand Bolved Education Foundation Consultant: Arch Group Engineering
7	CMW-13048-C001(FINA INTERNATIONAL STANDARD) Swimming Pool.	Complete MEP Works for Semi Olympic Pool including supply & installation of Omega Timing & Scoring System. Water Proofing & Tiling Works	Contractor: Tasneem General Contracting LLC
8	Construction of Private Villa for H.E Hamad Mubarak Salem Al Shamsi, Abu Dhabi Gate (ABG 6), Plot 37-38	Supply and Installation of Swimming Pool (1 No.) and Sauna (1 Nos.)	Contractor: Al Diyar Gen. Cont.Co. Client: H.E Hamad Mubarak Salem Al Shamsi Consultant: DEC
9	Job No. J01205 / Private Residence on Plot No. 100, Sector SE-41, Khalifa City A, Abu Dhabi	Supply and Installation of Swimming Pool (1 No.) and Water Features (2 Nos.)	Contractor: Al Ain General Contracting Co. (ALGECO) / Client: H.E Sheikh Mohamed Bin Khalifa Bin Hamdan Bin Mohm'd Al Nahyan Consultant: BEAD Architects & Eng.
10	CMW-13047-C001 at Madinat Zayed, Abu Dhabi	Supply and Installation of Olympic Swimming Pool, Cold Pool, Jacuzzi, Sauna and Steam Room (MEP Works)	Contractor: The Contractors Co. (TCC) Client: GHQ UAE Armed Forces Consultant: Dorsch Group
11	Future School Program – Al Shuwaib, Al Ain	Supply and Installation of Swimming Pool Electromechanical Works	Contractor: Ghantoot Group Client: Musanada Consultant: KEO
12	CMW-09037-C001 at Liwa Area	Supply and Installation of 6 Nos. Swimming Pool & Kids Pool. Complete with Civil & MEP Works	Contractor: Samih Al Thaher Contracting Client: UAE Armed Forces Command of Military Works
13	Construction of Cranleigh School at Saadiyat Island, Abu Dhabi	Supply and Installation of Swimming Pool (MEP and Civil)	Contractor: Tafseer Contracting and Gen. Maint. Co (TCC) Client: TDIC Consultant: Godwin Austen Johnson (GAJ)
14	Naufar Treatment & Relaxation Swimming Pool	Supply & Installation of Treatment and Relaxation Pool & Salt Pool. Relaxation Pool consisting of Wellness Features	Contractor: Joannou and Paraskevaides J&P
15	CMW-12054-C001	Supply and Installation of Swimming Pool, Cold Pool, Jacuzzi, Sauna and Steam Room complete with extra Lighting	Contractor: Square Gen. Cont Client: Command of Military Works
16	Al Zeina, Al Raha Beach Development – Abu Dhabi	Turnkey project. 136 Nos. Private swimming pools & 67 Nos. Reflecting pools, complete with timber decking and acoustic isolation.	Cont: Laing O'Rourke Client: Aldar Consultant: Turner
17	Client: Aldar	2 Nos. Olympic Size Pools. Complete with MEP works, Omega Touch Pads, Scoreboard, Timing System including Water Proofing & Tiling Works	Contractor: Eastern Contracting Co. Client: U.A.E Armed Forces



# Swimming Pools & Spas - Partial Reference List

	Project	Scope of Work	Contractor/Client/Consultant
18	Mahawi Camp - Abu Dhabi Meleha Camp - Sharjah	Turnkey project of 2 nos Olympic Pools. MEP and Civil Finishes. With diving towers, complete competition equipment and jacuzzis.	Contractor: CRC Cont. Client: DMW. Armed Forces Consultant: Dorsh Consult
19	Male & female schools & accommodation complex at Madinat Zayed City. W. Region	Turnkey project of 3 nos semi-Olympic pools. MEP and Civil Finishes. With diving towers, complete competition equipment and jacuzzis.	Contractor: System Construct Client: Adnoc Consultant: Engineering Cons
20	Private Villa for Mrs. Latifa Abdulla Al Romaithi at Mohammed Bin Zayed City, Abu Dhabi, UAE	Supply and Installation of complete Swimming Pool Works	Contractor: ONYX Client: Private Consultant: Architecture & Engineering Consulting
21	Dubai Marina Mall, The Address Hotel	Turnkey project. Oval-shaped swimming pool & kids pool, overflow and infinity edge pool. Ceramic floor design, 60m x 25m x 1.25m.	Contractor: Alec Client: Emaar Consultant: DP Architects
22	Consultant: Architecture & Engineering Consulting	MEP, waterproofing and tiling works. Semi-Olympic swimming pool, with diving and complete competition equipment and jacuzzis.	Contractor: Intermass Client: ADH Education Council Consultant: Al Torath
23	Construction and maintenance of future schools in Abu Dhabi, Al Ain - Package 5 & 6	Turnkey project. 3 Nos. Swimming pools, MEP and complete civil works. Pool Size - 25m x 8m Al Ain.	Cont: System Const / Sammon Client: ADH Educat Council Consultant: Dewan
24	MW-RG-320-2005- Royal Guard Camp - Al Ain	MEP, waterproofing and tiling works. Semi-Olympic swimming pool, with diving and complete competition equipment. Plus jacuzzis.	Contractor: Force 10 Client: U.A.E. Armed Forces Directorate of Military Works
25	Mahawi Camp - Abu Dhabi	Turnkey project M&E works. Semi-Olympic swimming pool, with diving towers, complete competition equipment and jacuzzis.	Contractor: Code Contracting Client: U.A.E. Armed Forces Directorate of Military Works
26	Saih Bannah Camp - Ras Al Khaima	Turnkey project M&E works. Semi-Olympic swimming pool, with diving towers, complete competition equipment and jacuzzis.	Contractor: Code Contracting Client: U.A.E. Armed Forces Directorate of Military Works.
27	Khalifa Air College - Al Ain	Turnkey project M&E works. Semi-Olympic swimming pool, with diving towers, complete competition equipment and jacuzzis.	Contractor: Ascon Client: U.A.E. Armed Forces Directorate of Military Works
28	Land Forces School, Zayed Military City Shahama	Turnkey project - full MEP works & equipment. For Olympic competition swimming pool.	Client: U.A.E. Armed Forces Directorate of Military Works
29	Private Villa for H.H. Sheikh Mohamed Bin Zayed - Abu Dhabi	Turnkey project. Full MEP & civil works of Semi-Olympic size swimming pool of size 25m x 12.5m, jacuzzi and reflecting pools & ponds.	Contractor: Trojan Gen. Contracting Client: H.H Sheikh Mohamed.Cons: Architectural Eng.
30	Athletic hall - Al Ain	Turnkey project M&E works. Semi-Olympic swimming pool, with diving towers, complete competition equipment and jacuzzis.	Contractor: Albatec Client: DMW. Armed Forces Consultant: Rootage Arch.
31	Bridgeway mixed use development, The Rocco Fort Hotel - Abu Dhabi.	Turnkey project MEP & Civil. 2 Nos. irregular shape swimming pool of size 30m x 15m, kids pools and water features.	Contractor: Al Husam Gen Contracting Client: Al Farida Investment Consultant: WS Atkins
32	Banyas Schools, Al Quds School, Al Otaiba School	Turnkey project. 2 Nos. Semi-Olympic swimming pool MEP and civil works. Pool size - 25m x 12.5m	Contractor: Al Mansoori 3B Client: PWD Abu Dhabi Consultant: Khatib & Alami
33	Emirates National schools, boys & girls - Abu Dhabi.	Turnkey Project. 3 Nos. Semi-Olympic swimming pool MEP and civil works. Pool size - 25m x 12.5m	Contractor: Dhafra Inter. Projects Client: Ministry of Presid Affairs Consultant: Herber Engineering
34	Abu Dhabi Island Resort for Sheikh Mohamed Bin Zayed	Turnkey project full M&E works. Semi-Olympic swimming pool, 25m x 15m with jacuzzi.	Contractor: Al Hussam Client: First Gulf Bank Consultant: Halcrow.
35a b c d e f	Special Operation School - Al Ain Technical Institute - Shahama Dhafra Air Base Zayed Air College - Al Ain Al Nahyan. Decorate Military Royal Guard Camp, ADH	Olympic and semi-Olympic pools. Complete swimming pool renovation works. MEP & civil works. Waterproofing and re-tiling. Renovation and replacement of all equipment including racing lanes, diving boards, electronic starting blocks and electronic score boards.	Client: U.A.E. Armed Forces Directorate of Military Works. Full operation & maintenance.
36	Grand Millennium Hotel - Abu-Dhabi	Turnkey project of swimming pool on level 31. MEP and civil work.	Contractor: Civilco Client: Al-Wahada Sports Cultural Club Consultant: Khatib & Almi





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